Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_

**Specialized Cells**

1. The 6 characteristics of living things are:



2. In order to make a multi-cellular \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, cells are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to do certain jobs.

3. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_of a cell (what’s inside or how it is shaped) can tell us a lot about what the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or job of that cell is.

4. Draw a cell that could perform the functions listed below:

**Job Description:**

* + Roams the body looking for foreign invaders
  + Attacks/engulfs foreign invaders it encounters
  + Digests and destroys invaders that it engulfs

Drawing

5. How does the way it looks or what it contains help it to do its job?

6. Examples of specialized cells:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Picture** | **Structure (build)** | **Function**  **(job)** | **Notes** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Name** | **Picture** | **Structure (build)** | **Function**  **(job)** | **Notes** |
|  |  |  |  |  |
|  |  |  |  |  |

7. Do you agree or disagree with the following statement:

**All cells look and function the same.**

\*\*\*Make a claim and support it with evidence!